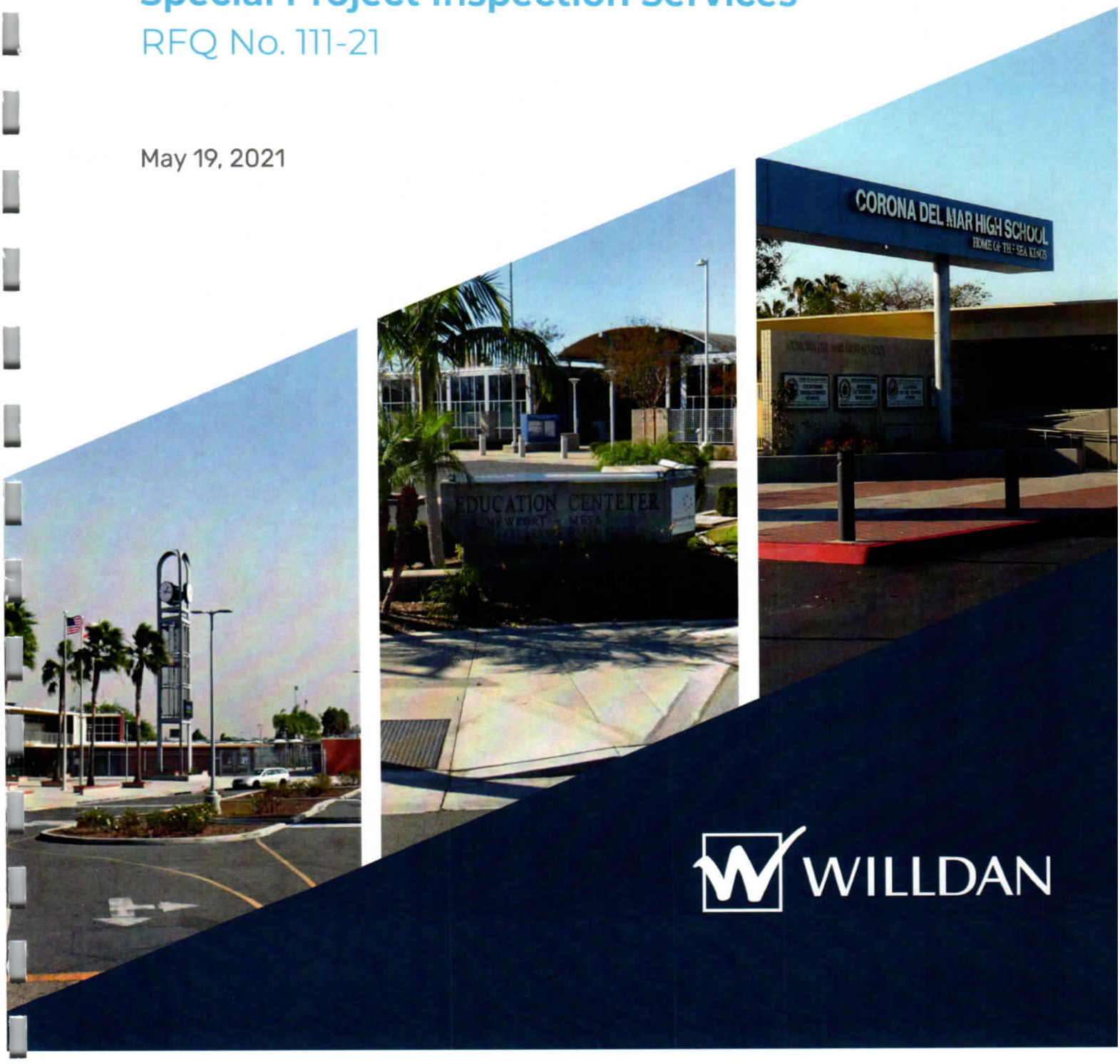
Newport-Mesa Unified School District

Statement of Qualifications

Special Project Inspection Services

RFQ No. 111-21

May 19, 2021



WILLDAN

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May 19, 2021

Mr. Jonathan Geiszler
Director of Purchasing & Warehouse
Newport Mesa Unified School District
2985 Bear Street, Building A
Costa Mesa, CA 92626

Subject: **Statement of Qualification for Special Project Inspection Services**
RFQ # 111-21

Dear Mr. Geiszler,

Willdan Geotechnical, a division of Willdan Engineering, is pleased to submit this proposal to provide the Newport Mesa Unified School District (District) for the requested special project inspection services. We understand that it is the District's intent to retain multiple qualified engineering firms to provide the District with geotechnical engineering services and augment the District's professional capabilities. Willdan has the resources, staff, and experience to meet the District's needs. Our firm's strengths include the following:

- **Strong Project Manager:** Mr. Mohsen Rahimian has more than 40 years of experience providing professional geotechnical engineering, material testing and inspection services for a wide variety of projects including schools and colleges, commercial, industrial, ports and harbors, public works, and transportation for public and private agencies.
- **Unmatched Expertise:** We have a team of seasoned, qualified and certified professionals to provide and successfully perform the requested services.
- **Full Service Testing Facilities:** We maintain a full service soils and material testing laboratory in Anaheim close to the District. Our laboratory is certified and/or accredited by Division of State Architect (DSA), the City of Los Angeles, AASHTO re:source (formerly AMRL), and Caltrans.
- We appreciate the opportunity to submit this Statement of Qualifications. Willdan Geotechnical has the right team with the right experience to provide the requested services to the District. We will be happy to further discuss our qualifications with you. If you have any questions, please contact Mohsen Rahimian at (657) 221-2714 or via e-mail at mrahimian@willdan.com.

Respectfully submitted,
WILLDAN ENGINEERING

Mohsen Rahimian

Mohsen Rahimian, PE, GE
Supervising Engineer

910005/WG/P21-174_21898

Business Profile

About Willdan Geotechnical

Office Locations	
Home Office Location:	Anaheim - Corporate Office 2401 E. Katella Avenue, Suite 300 Anaheim, CA 92806 Phone: 714.940.6300 Phone: 800.424.9144 Fax: 714.940.4920
Local Office Location:	Anaheim - Geotechnical Office 1515 S. Sunkist Street, Suite E Anaheim, CA 92806-5808 Phone: 714.634.3318 Fax: 714.634.3372

Willdan Geotechnical is a division of Willdan Engineering, which in turn is a wholly-owned subsidiary of Willdan Group, Inc., a publicly traded California Corporation.

Willdan's services are provided to nationwide clientele through three subsidiary firms – Willdan Engineering, Willdan Energy Solutions, and Willdan Financial Services – that offer a portfolio of diversified strengths. Throughout our history, Willdan has served as a full-service, multi-disciplinary firm specializing in municipal engineering, planning, construction management and inspection, and building safety services along with a full complement of support disciplines. Willdan has provided professional municipal consulting services to cities and counties since 1964. Willdan developed its geotechnical division in 1999, which became a separate corporate entity, Arroyo Geotechnical, in 2001 and was then renamed Willdan Geotechnical in 2009 to reflect the integrated nature of all of Willdan's operating divisions.

Willdan Geotechnical has a dedicated, full-time staff of geotechnical engineers, geologists, and field and laboratory technicians. We also have a pool of qualified independent construction specialty inspectors and technicians. Our staff has extensive experience throughout the Los Angeles, Orange, Riverside, San Bernardino, and Ventura counties, and is particularly familiar with local geologic and geotechnical conditions in Orange County.

Over the years, Willdan Geotechnical (Willdan) has successfully assisted our clients in completing projects in the areas of:

Geotechnical Engineering

- Subsurface exploration
- Shallow and deep foundation
- Settlement analysis
- Slope stability evaluation
- Earth retaining structures
- Ground improvements and soil stabilization
- Earthwork construction observation and testing
- Earthquake Engineering
- Dynamic soil behavior
- Ground motion study
- Seismic hazard evaluation and mitigation
- Performance evaluation of slopes and retaining walls
- Rehabilitation of exiting foundation

Engineering Geology

- Geologic mapping
- Fault investigation
- Landslide investigation and repair
- Slope erosion investigation and stabilization
- Dewatering analysis
- Pump test assessment

Material Testing and Inspection

- Reinforced concrete
- Pre-stressed concrete
- Shotcrete/Gunite
- Reinforced masonry
- Structural steel welding
- Fireproofing
- Batch plant inspection

Willdan Geotechnical maintains a full-service soils and material testing laboratory. Our laboratory is certified by the California Department of Transportation (Caltrans), Division of State Architect (DSA), the City of Los Angles and AASHTO re:source (formerly AMRL). We also participate in the AASHTO re:source, Cement and Concrete Reference Laboratory (CCRL), and Caltrans Proficiency Sample Programs.

Willdan's Anaheim location at 1515 South Sunkist Street in the City of Anaheim in Orange County is close to the District. Willdan's proximity and our past experience assures the District a local team that is familiar with the District's communities. These two factors enable Willdan to offer the District a responsive, locally knowledgeable team that can fulfill the needs of the District.

Proposed Staff

Staff Name	Title	Registration / Certifications	Years with Firm
Mohsen Rahimian	Supervising Engineer	Civil Engineer, California, No. 73396 Geotechnical Engineer, California, No. 3059	8
Ross Khiabani	Senior Geotechnical Engineer	Civil Engineer, California, No. 37156 Geotechnical Engineer, California, No. 2202	19
Joe Ritchey	Operation Manager		16
Wendy Drummond	Project Geologist	Certified Engineering Geologist, California CEG 2049 Professional Geologist, PG 6610	13
Ramon Calbay	Laboratory Manager	ACI Concrete Garde I Technician ACI Concrete Lab Technician ICC Soil Technician Caltrans Soil & Concrete Technician	9

Resumes for the above-mentioned staff members are presented in the Appendix.

Experience

Willdan Geotechnical provides geological and geotechnical and material testing/inspection services for many public agencies in California and the Western United States. Willdan Geotechnical is equipped with a full-service soils laboratory, certified and/or accredited by the City of Los Angeles, Division of State Architect (DSA), AASHTO re:source (formerly AMRL), and Caltrans. With extensive experience throughout Los Angeles, Orange, San Bernardino, Riverside, and Ventura Counties, Willdan Geotechnical is intrinsically familiar with local geologic, geotechnical, and seismic conditions.

Project Listing

Project Name Mayfair HS STEAM Center and Central Plant
Project Location Lakewood, California

Client: Bellflower Unified School District
16703 S. Clark Avenue, Bellflower, CA 90706
Contact: Mr. Dan Buffington, Director of Maintenance and Operation
(562) 244-0926,
dbuffington@busd.k12.ca.us
Contract Value $451,097
Period 2019 – Ongoing
Willdan Project Team: Project Management & QA/QC – Mohsen Rahimian & Joe Ritchey; Laboratory Manager – Ramon Calbay

Willdan Geotechnical is providing all geotechnical and material special inspection and testing services during the construction of STEAM Center and Central Plant in Mayfair High School. The services include continuous inspection/technician services during all grading operations, concrete placement, welding/bolting inspection (site and fab shop), concrete batch plant inspection, CMU placement and torque testing, and more to satisfy DSA testing inspection guidelines.

Project Name District Office Renovation
Project Location Huntington Beach, California

Client: Huntington Beach City School District
8750 Dorsett, Drive, Huntington Beach, CA 92646
Contact: Mr. John Archibald, Assistant Superintendent
(714) 378-2050, jarchibald@hbcsd.us
Contract Value $126,520
Period 2018 – 2019
Willdan Project Team: Project Management & QA/QC – Mohsen Rahimian & Joe Ritchey; Laboratory Manager – Ramon Calbay

Willdan Geotechnical provided all material special inspection and testing services during the construction of the District Office Renovation project. The services included continuous inspection/technician services during all concrete placement, welding/bolting inspection (site and fab shop), concrete batch plant inspection, CMU placement and torque testing, and fireproofing in accordance to the DSA testing inspection guidelines.

Newport Mesa USD

Project Name OCC Kinesiology Athletics
Project Location Costa Mesa, California

Client: Coast Community College District
1370 Adams Avenue, Costa Mesa, CA 92626
Contact: Ms. Lindsey Olson, Manager, Facilities, Planning & Construction
(714) 438- 4683, lolson2@cccd.edu
Contract Value $335,634
Period 2018 – 2020
Willdan Project Team: Project Management & QA/QC – Mohsen Rahimian & Joe Ritchey; Laboratory Manager – Ramon Calbay

Willdan Geotechnical performed geotechnical and materials testing and inspection services for the proposed OCC Kinesiology project. The project includes construction of multi-building aquatics complex, totaling 104,000 gross square feet. The complex includes a main building which house the division office, equipment management, athletic training, aerobics, locker rooms/showers, and other support spaces. There will be a 25 meters adaptive physical education pool, a 65 meters competition pool, and covered bleacher seating.

Project Name Student Services Center, Golden West College
Project Location Huntington Beach, California

Client: Coast Community College District, Golden West College
15744 Goldenwest Street, Huntington Beach, CA 92647
Contact: Mr. Randy Flint, Project Manager
(714) 895-8974, rflint@gwc.cccd.edu
Contract Value $465,860
Period 2016 –2018
Willdan Project Team: Project Management & QA/QC – Mohsen Rahimian & Joe Ritchey; Laboratory Manager – Ramon Calbay

Willdan Geotechnical performed geotechnical, special inspection, and material testing services during grading and construction of a 2-level building with approximate footprint of 29,500 square feet and associated site improvements.

Project Name Criminal Justice Training Facility & Scenario Lab, Golden West College
Project Location Huntington Beach, California

Client: Coast Community College District, Golden West College
15744 Goldenwest Street, Huntington Beach, CA 92647
Contact: Mr. Jerry Marchbank, Sr. Director of Facilities Planning & Construction
(714) 438-4611, jmarchbank@mail.cccd.edu
Contract Value $298,610
Period 2016 –2018
Willdan Project Team: Project Management & QA/QC – Mohsen Rahimian & Joe Ritchey; Laboratory Manager – Ramon Calbay

Willdan Geotechnical performed geotechnical, special inspection, ACI technician and material testing services during grading and construction of the GWC Criminal Justice Training Facility project consisting of a new 2- story steel moment frame building, grinder and biddle course, scenario park, and pullover road. The project also included the services for all offsite improvements such as perimeter CMU wall bio filtration facility, utilities trench backfills, and paving within the limits of the project.

Project Team

Mr. Mohsen Rahimian, PE, GE, Supervising Engineer, will serve as the **Project Manager** for Willdan's geotechnical consultant services for the District's projects. Mr. Rahimian is a licensed geotechnical engineer in California with more than 30 years of experience and has been a major contributor to all the projects listed in the projects listed above.

Mr. Rahimian has diversified geotechnical experience involving soil mechanics and foundation engineering, soil stabilization, landslide analysis and stabilization, settlement evaluations, liquefaction studies, temporary and permanent slope stability analyses, onshore and offshore exploration, laboratory testing, and construction support services. He has been an integral team member on a wide variety of projects ranging from commercial, industrial, residential, institutional, ports and harbors, public works, transportation including major bridges, local roads, freeways and toll roads and water and wastewater facilities. This broad base of experience has given him unique insight into local geotechnical and seismic conditions, and construction processes.

Mr. Rahimian has managed projects with budgets ranging from $10,000 to over $1 million. He has reviewed many geotechnical engineering and geologic reports and provided consultations for several cities in Orange County. He has also managed geotechnical and material testing and inspection services during construction of many projects. Mr. Rahimian maintains close communication with local, city, county, and state reviewers and is extremely familiar with governing codes and requirements.

Mr. Rahimian will be primarily supported by **Mr. Ross Khiabani, PE, GE,** who will serve as the **Sr. Geotechnical Engineer,** and **Ms. Wendy Drummond, PG, CEG,** as the **Project Geologist.** Mr. Khiabani has more than more than 40 years of experience providing geotechnical engineering and materials testing services. Ms. Drummond has over 25 years of experience in the field of engineering geology in the western United States. She has performed numerous detailed investigations of landslides, active and potentially active faults, as well as distress investigations and seismicity studies. This team is supported by additional professionals to fulfill the required services under this proposal.

District's Contracts

Willdan currently does not have any contracts with the District.

Project and Cost Management

Ability to Meet Time Schedules

Willdan's commitment to customer service is why we can respond timely to our clients' requests. Communication is a key element. Project schedules are established with our clients with continued communication and follow-up ensuring the completion of projects in a timely manner. Willdan uses mechanisms which are in place through our back-up systems and continued discussion with internal operations. Since most of our management staff are former public employees, they have the ability to understand the needs of the District and can bring to bear the resources required to successfully deliver projects on time and within budget. With local offices in Orange, San Bernardino and Los Angeles counties, our staff are immediately available to serve the District on a moment's notice.

As a full-service, national, multi-disciplinary corporation, Willdan has a large reserve of talent to draw from if the need for backup is required to ensure the timely response to requests for service. This back-up staff creates flexibility in our organization to provide the necessary services to accommodate requests from our clients. Willdan's large corporate pool enables the firm to maintain quality services, project schedules, and project budgets.

Project Management

We will make sure to apply quality control/assurance, budget control and staff management in every project as explained in detail in the following.

Quality Assurance/Control

Willdan recognizes the importance of quality control and its direct relationship to the success of a project. We are fully committed to provide sound professional services to our clients. We have established company policies and objectives with regards to quality, completeness, and accuracy in performance of our services. Our QA/QC procedures and policies are documented in a Quality Control Manual which contains guidelines to be used in performing field monitoring, inspections, investigations, laboratory testing, data analysis, and report preparation in accordance with established professional engineering standards. The Quality Manual also describes the internal operating procedures, personnel responsibilities, and control and maintenance of documentation. This reference is largely written for the technical personnel who monitor the quality of Willdan's services, as well as for field personnel to enable them to understand, implement, and attain proficiency in field and laboratory testing. The primary mission of our Quality Control Plan is to provide staff with the technical and managerial expertise to plan, organize, implement, and control the overall quality effort, thereby ensuring the completion of a quality project within the time and budget established. Throughout the course of the project and at the end of each task phase, the Project Manager and/or the Principal-in-Charge will contact the CCA's Project Manager to get feedback on Willdan's performance.

Budget and Schedule Control

We are very aware that the District may often need our services on short notice and require tasks to be completed under a demanding schedule. We commit our team to respond to the review, design and construction needs of the District in a timely manner and to meet accelerated project schedules. Our Project Manager will keep track of the resources used to complete each task using weekly reports prepared using the Deltek T&E and IBM Cognos Software systems which track expenditures, budget status, and hours expended by task. The expenditure status and hours will be compared to the budgeted amount for quick identification of discrepancies. Each Willdan employee submits a timesheet every Friday

and hours are logged in the Deltek T&E system by the following Monday, allowing ready monitoring of project status.

Staffing & Resource Management

Our staff resources are coordinated on a weekly basis, providing the flexibility to handle the peaks and valleys of a given project. We have been able to manage multiple projects and meet project schedules without compromising the quality of our work. Our references can provide testimony about our services. We are confident that we have the staff and resource to meet the projected construction schedule. The management of Willdan is dedicated to the principles of technical excellence and professional quality. Members of the firm consistently strive to apply the strength and experience of the entire Willdan organization to achieve the most practical and effective solution to each project.

We will provide a detail plan including information and coordination with other agencies to ensure compliance and completion of the tasks. This plan will include all milestones and task breakdown for each of the tasks and subtasks included therein. In case of conflict, ambiguities, discrepancies, errors, or omissions, we will submit the matter to the District for clarifications. If requested by the District, we will provide a Work Plan which includes a detailed schedule of the assigned project prior to the issuance of Notice to Proceed and/or Task Order. Work required per Task Order will comply with the scope of services and additional provisions in each task order.

Methodology

Willdan will work in close association with the District's staff and engineers to provide a clear understanding of each scope of work and communicate that information to our technical staff working in the field. We envision that our work will begin with an initial communication from the District's Project Manager. During the initial or subsequent communications, we will make sure that we fully understand the project needs and objectives. We will work with District's staff to develop the work plan, and a task by task budget and schedule for our services. Our services will be performed in conformance with the professional standards established in the projects.

Our approach to providing services to the District's is to assign qualified personnel to each phase of the project. Reports will be reviewed by a geotechnical engineer and, if appropriate, a certified engineering geologist. Laboratory tests will be performed by a qualified/certified technician and field inspection/tests will be performed by technicians/inspectors with experience on the type of project he/she is assigned to work on.

FEE SCHEDULE
Geotechnical & Material Inspection & Testing
Effective July 1, 2021 through June 30, 2022
Personnel – Prevailing Wage

Special Inspection Services				
Concrete Inspection	$ 110	per	Hour	
Post-Tension Concrete Inspection	$ 110	per	Hour	
Shotcrete Inspection	$ 110	per	Hour	
Masonry Inspection	$ 110	per	Hour	
Epoxy Injection & Anchors Inspection	$ 110	per	Hour	
Fireproofing Inspection	$ 110	per	Hour	
Welding Inspection	$ 110	per	Hour	
Building Inspection	$ 110	per	Hour	
Shear Wall / Seismic Hardware Inspection	$ 110	per	Hour	
Concrete Batch Plant Inspection	$ 110	per	Hour	
Structural Steel / Welding / Bolting Shop Inspection (Local)	$ 110	per	Hour	
Structural Steel / Welding / Bolting Shop Inspection (Outside Local Area)		per	Quote	
Fireproofing Inspection	$ 110	per	Hour	
Technician Services				
Soil / Asphalt Technician	$ 110	per	Hour	
Asphalt Batch Plant Technician	$ 110	per	Hour	
Material Technician	$ 110	per	Hour	
Pachometer Technician	$ 110	per	Hour	
Moisture Testing Technician	$ 110	per	Hour	
Pull-out Test on Embedded Bolts, Anchors, Dowels, Splay Wires	$ 110	per	Hour	
Coring and Sizing	$ 110	per	Hour	
Laboratory Technician	$ 90	per	Hour	
Field Vehicle Usage (by Soil/Asphalt Technician)	$ 5	per	Hour	
Field Nuclear Gauge Usage (by Soil/Asphalt Technician)	$ 50	per	Shift	
Non-Destructive Testing (NDT)				
Dye Penetrant Testing	$ 120	per	Hour	
Ultrasonic Testing	$ 120	per	Hour	
Magnetic Particle Testing	$ 120	per	Hour	
Radiographic Testing		per	Quote	
Professional Services				
Scheduling / Supervision	$ 120	per	Hour	
Staff Engineer / Geologist	$ 130	per	Hour	
Sr. Staff Engineer / Geologist	$ 155	per	Hour	
Project Engineer / Geologist	$ 195	per	Hour	
Senior Geotechnical Engineer / Geologist	$ 210	per	Hour	
Principal Engineer / Geologist	$ 210	per	Hour	
Expert Witness by Principal Engineer / Geologist	$ 350	per	Hour	
Administrative				
Clerical	$ 80	per	Hour	
Computer Data Entry	$ 80	per	Hour	
Word Processing	$ 80	per	Hour	
Computer Time	$ 25	per	Hour	
CAD Operator	$ 100	per	Hour	

Staff assignments depend on availability of personnel, site location, and the level of experience that will satisfy the technical requirements of the project and meet the prevailing standard of professional care. The above schedule is for straight time. Please refer to "Basis of Charges" for terms and conditions of charges.

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FEE SCHEDULE
Geotechnical & Material Inspection & Testing
Effective July 1, 2021 through June 30, 2022
Laboratory Testing – Geotechnical

Identification and Index Properties			
In-situ Moisture and Density (ASTM D2937)	$ 25	per	Test
Grain Size Analysis – Sieve Only (ASTM D422)	$ 120	per	Test
Grain Size Analysis – Sieve and Hydrometer (ASTM D422)	$ 200	per	Test
Percent Passive #200 Sieve (ASTM D1140)	$ 70	per	Test
Atterberg Limits – Multi Point (ASTM D4318)	$ 130	per	Test
Atterberg Limits – One Point (ASTM D4318)	$ 90	per	Test
Specific Gravity (ASTM D854)	$ 90	per	Test
Sand Equivalent (ASTM D2419)	$ 80	per	Test
Compaction and Bearing Strength			
Modified Proctor Compaction – Method A or B (ASTM D1557)	$ 195	per	Test
Modified Proctor Compaction – Method C (ASTM D1557)	$ 195	per	Test
Compaction (CT 216)	$ 210	per	Test
California Bearing Ratio, CBR – 3 Points (ASTM D1883)	$ 500	per	Test
R-Value	$ 280	per	Test
Shear Strength			
Torvane / Pocket Penetrometer	$ 25	per	Test
Direct Shear, Consolidated Drained – per Point (ASTM D3080)	$ 90	per	Test
Direct Shear, Residual – per Point (ASTM D3080)	$ 120	per	Test
Unconfined Compression (ASTM D2166)	$ 140	per	Test
Unconsolidated-Undrained (UU)	$ 165	per	Test
Consolidation, Collapse and Swell			
Consolidation – 8 Load Increments w/ One Time Rate (ASTM D2435)	$ 185	per	Test
Consolidation – Additional Load Increment (ASTM D2435)	$ 35	per	Test
Consolidation – Additional Time Rate per Load Increment (ASTM D2435)	$ 65	per	Test
Collapse Test – Single Point	$ 75	per	Test
Single Load Swell Test – Ring Sample, Field Moisture (ASTM D4546)	$ 85	per	Test
Single Load Swell Test – Ring Sample, Air Dried (ASTM D4546)	$ 85	per	Test
Remolded Sample per Specimen	$ 65	per	Test
Expansion Index (ASTM D4829 / UBC 29-2)	$ 140	per	Test
Laboratory Permeability			
Constant Head (ASTM D2434)	$ 250	per	Test
Falling Head Flexible Wall (ASTM D5084)	$ 310	per	Test
Triaxial Permeability (EPA 9100)	$ 370	per	Test
Chemical Tests			
Corrosivity (pH, Resistivity, Sulfates, Chlorides)	$ 190	per	Test
Organic Contents (ASTM D2974)	$ 95	per	Test
Asphalt Tests			
Extraction / Asphalt (CTM 382)	$ 215	per	Test
Hveem / Marshall Maximum Density (CTM 304, 308)	$ 370	per	Test
Wash Gradation (CTM 202)	$ 120	per	Test

FEE SCHEDULE
Geotechnical & Material Inspection & Testing
Effective July 1, 2021 through June 30, 2022
Laboratory Testing – Material

Concrete				
6" x 12" Cylinder Compression Test (ASTM C39)	$	25	per	Test
2", 4" and 6" Diameter Cores Compression Test	$	25	per	Test
3" x 6" Cylinder Lightweight Concrete Compression Test (ASTM C495)	$	25	per	Test
Shotcrete / Gunite Lab Coring & Compression Test (ASTM C42)	$	50	per	Test
Unit Weight of Hardened Lightweight Concrete (ASTM C567)	$	40	per	Test
Rapid Cure Concrete Cylinders (Boil Method) (ASTM C684)	$	45	per	Test
Masonry				
2" x 4" Mortar Cylinder Compression Test (ASTM C780)	$	25	per	Test
2" x 2" Mortar Cube Compression Test (ASTM C109)	$	25	per	Test
3" x 6" Grout Prism Compression Test (ASTM C1019)	$	25	per	Test
CMU Grouted Prism Compression Test, up to 8"x8"x16" (ASTM E447)	$	155	per	Test
CMU Grouted Prism Compression Test, larger than 8"x8"x16" (ASTM E447)	$	180	per	Test
Steel Reinforcement				
Tensile or Bend Test, up to #8 (ASTM A370)	$	55	per	Test
Tensile or Bend Test, #9 to #11 (ASTM A370)	$	70	per	Test
Tensile or Bend Test, #14 (ASTM A370)	$	90	per	Test
Fireproofing				
Unit Weight (UBC 7-6)	$	50	per	Test
Cohesion / Adhesion (UBC 7-6)	$	60	per	Test
Administrative Services				
Sample Pickup from Field	$	65	per	Trip
Mix Design Review	$	300	per	Mix
Lab Test Report	$	25	per	Report

Scope of Services

As we understand from the RFQ, the scope of work in general includes performing geotechnical investigations and providing geotechnical and material testing and inspection services during construction for the various District's projects. Below are our proposed scope of work including two main categories of services that we will perform for the District's project.

1. Geotechnical Investigation

Site Visit: After obtaining the preliminary information about the project, we will visit the site to observe the site topography and conditions and evaluate the site accessibility for drilling equipment. At the site, we will conduct a limited surface geologic mapping to collect preliminary soil type information. The project scope may be refined based on the site conditions.

Research and Information Requisition: Following the site visit, we will research on existing records of utility companies and agencies and coordinate with the involves parties. We will review readily available reports and literature for specific subsurface conditions in the immediate vicinity of the site, and general regional information for the project area. The information includes in-house reports, reports by other consultants, geologic and groundwater maps by the California Geological Survey (CGS) and U.S. Geological Survey (USGS). The subsurface information obtained from our review will be used in planning the exploration program. The applicable information will also be used together with date obtained from our exploration to develop recommendations for the project.

Field Exploration: We will conduct the subsurface exploration. Prior to conducting the field exploration, an exploratory boring location plan will be developed and provided for review. The boring location plan will also be used to apply for encroachment permits. The exploratory borings will be drilled using appropriate equipment which may be a truck mounted drill rig advancing hollow-stem or solid-flight augers, an air-rotary rig, or a mud rotary rig. If shallow groundwater is anticipated, a mud rotary rig will be used for drilling. Bulk and relatively undisturbed ring samples will be collected for laboratory testing.

Cone Penetration Test (CPT) soundings may also be advanced at the site. These soundings may be standalone, if site conditions and project needs so warrant, or done in conjunction with borings. The CPT will provide a continuous stratigraphy at each location. The subsurface information obtained from CPT will also be used to derive geotechnical parameters such as, shear strength, relative density stress history, and equivalent blow counts. If both CPTs and borings are done, data from boring logs will be used to refine the interpretation of soil parameters from CPT data. This will allow better definition of subsurface conditions across the site and will supplement the results of laboratory testing done on soil samples collected from borings. The CPT data will also be extremely useful in evaluating liquefaction potential and earthquake-induced settlement. If work is carried out on an active site, we will work with the District's staff to minimize disruptions to other site activities, and complete field work within schedule without causing any delays to other operations. We will work closely with the District's staff to coordinate activities with other public agencies or private entities that may have jurisdiction at the site.

Geotechnical Laboratory Testing: The field boring logs will be reviewed and analyzed to select representative bulk and ring samples for laboratory testing. Results of the laboratory tests will be used for engineering analyses to develop design and construction recommendations for the proposed improvements. All tests will be conducted in accordance with American Society of Testing and Materials (ASTM) Standards and/or Caltrans Test Methods.

Engineering Analysis and Report Preparation: Results obtained from the field investigation and laboratory tests will be used for engineering analysis. A geotechnical investigation report will be prepared to present the finding and recommendations. Prior to finalizing the report, a draft version of the report

will be provided to all stakeholders for review. All applicable review comments will be incorporated into the final report. After submitting the report, we will provide support to the District and their consulting team through the design and development phase of the project. We will interact with the project consulting team for clarifications of design recommendations. As the plans and specifications become available, we will comment on the constructability and other geotechnical aspects of the project prior to public bidding.

2. Geotechnical and Material Inspection and Testing

The following services will be provided for all geotechnical inspection and testing:

- Review project plans and specifications;
- Attend preconstruction meeting;
- Provide a certified soil technician to observe and test all the grading activities in the field;
- Provide a certified reinforced concrete inspector during construction of all structural concrete elements, including all column footings. The inspector will monitor, inspect, and test, as-needed, the placement of reinforcing steel, concrete, and epoxy/anchor for compliance with the plans and specifications. The inspector will monitor the placement and QC of concrete, provide verification, and direct as-needed sampling and testing by a Willdan technician;
- Provide a certified concrete inspector for batch plant inspection, verification, and sampling, as needed, during Portland Cement Concrete production;
- Provide a certified masonry inspector to monitor and inspect placement of CMU block. Inspector will verify that all masonry units are placed per approved plans and specifications, and applicable building code requirements. Observe the mixing and placement of mortar and placement of grout. Observe the placement of embeds, bond beams and reinforcing steel for compliance with the plans and specifications. Sample and test mortar and grout for compressive strength;
- Provide a certified structural steel welding and high strength bolting inspector to observe all phases of structural steel assembly/ construction. Review welder and material certifications prior to field welding. Observe and/or test all bolted and welded connections per approved plans/specifications and applicable building code requirements;
- Provide a certified commercial building inspector, for periodic inspection of lumber material verification, plywood shear wall nailing, plywood roof sheathing/nailing and seismic hardware installation for compliance per approved plans, specifications and applicable building code requirements;
- Maintain a list of all deficiencies with the details and re-inspect the areas after deficiencies are corrected. The inspector will prepare and maintain a weekly summary of all action items and inform the District's Construction Manager on status of each item;
- Make a California registered geotechnical and/or civil engineer (GE/PE) to provide quality control, quality assurance and engineering support, as needed;
- Provide inspector/technician coordination, dispatch, material engineering review, test reporting, QA/QC, and administrative support services;
- Prepare a final Project Certification document, if requested, upon completion of the project. This document will include daily reports summarizing the construction geotechnical activities,

conclusions, and results of all tests and inspections. All non-conforming materials and steps taken to bring them into conformance will also be noted;

- If needed, a member of our management and supervisory team will attend scheduled project meetings; and
- Material samples will be picked up from the job site or fabrication facility and delivered to our laboratory. Material testing reports will be distributed timely to the designated individuals.

Subconsultants

Willdan will not be utilizing any subconsultants for this assignment.

References

References for Similar Projects

Willdan has provided similar services for public agencies including public schools and colleges. These projects cover a range of services we expect to be called upon to provide to the District during the course of a contract arising out of this solicitation. A summary description of the selected similar projects along with the contact information for the client's references are provided and we encourage the District to contact our references.

Project Name	**Mayfair HS STEAM Center and Central Plant**
Project Location	**Lakewood, California**
Client: Bellflower Unified School District	
Contact: Mr. Dan Buffington, Director of Maintenance and Operation (562) 244-0926, dbuffington@busd.k12.ca.us	
Project Name	**District Office Renovation**
Project Location	**Huntington Beach, California**
Client: Huntington Beach City School District	
Contact: Mr. John Archibald, Assistant Superintendent (714) 378-2050, jarchibald@hbcsd.us	
Project Name	**OCC Kinesiology Athletics**
Project Location	**Costa Mesa, California**
Client: Coast Community College District	
Contact: Ms. Lindsey Olson, Manager, Facilities, Planning & Construction (714) 438-4683, lolson2@cccd.edu	
Project Name	**Student Services Center, Golden West College**
Project Location	**Huntington Beach, California**
Client: Coast Community College District, Golden West College	
Contact: Mr. Randy Flint, Project Manager (714) 895-8974, rflint@gwc.cccd.edu	
Project Name	**Criminal Justice Training Facility & Scenario Lab, Golden West College**
Project Location	**Huntington Beach, California**
Client: Coast Community College District, Golden West College	
Contact: Mr. Jerry Marchbank, Sr. Director of Facilities Planning & Construction (714) 438-4611, jmarchbank@mail.cccd.edu	

Legal Issues

Is there now pending any legal action against the firm or any employee of the firm alleging violations of the law in connection with an offering of municipal securities in a California transaction?

Not applicable.

Have there been any settlements or judgments involving such actions within the last five (5) years?

Not applicable.

Please list and describe any judgment, settlement, or arbitration award valued at $5,000 or greater relating to a civil action judgment, settlement arbitration award, or administrative action for any individual licensee, as required to be reported to the State of California.

Not applicable.

Other Forms

RFQ Evaluation Form

NEWPORT MESA UNIFIED SCHOOL DISTRICT
SPECIAL INSPECTION SERVICES
RFQ EVALUATION

Evaluation of Firms: All responses will be scored using this evaluation sheet. A minimum score of 80% is required to qualify for the 2nd round of evaluation which includes review by a panel. Up to 10 additional points may be awarded in the second round based on subjective determination of the Firm's ability to carry out the required work. NMUSD will select the top-rated firms to be awarded the contracts for these services.

Instructions: Fill-in a response for each question in Sections 1-4 below. Each correlates to a required element in the RFQ Response Format.

Firm: Willdan Engineering

1. Location/Accessibility	**Write in:**	**Max.**
a. Firm's location - Write in city and county of headquarters or local office, whichever is closest to the District	Anaheim/County of Orange, California	5
2. Past Performance	**Write in:**	**Max. Pts.**
a. Identify the Firm's number of years' experience in providing services for K-12	10	5
b. Project listing - Identify the number of K-12 projects the Firm has worked on within last 3 years.	12	5
c. Project listing - Identify the number of Theater projects the Firm has worked on within last 5 years.	0	5
d. Industry experience - Circle the type of projects the Project Team has worked on within the last 3 years (circle all that apply)	K-12 / Community College / Charter/ Private School / Non-School District / Other Project Types	5
e. Identify the Firm's number of employees	800	5
3. Claims, Lawsuits, Arbitrations	**Write in:**	**Max. Pts.**
a. Identify the number allegations against the firm or any employee for any violations of law	4	5
b. Identify the number of settlements or judgments involving such actions within the last five (5) years	1	5
4. Record of Past Performance	**Write in:**	**Max. Pts.**
a. Identify the number of client references from a K-12 school district included in the Response (0-3)	2	5

I hereby certify that the above information is true and correct to the best of my knowledge. By signing below, I further acknowledge that should any of the information I provide be found to be false, the Firm's Response shall be considered nonresponsive and ineligible for consideration.

Mohsen Rahimian, PE, GE
Supervising Engineer
Printed Name

Mohsen Rahimian
Signature

May 19, 2021
Date

ATTACHMENT B

CERTIFICATION – REQUEST FOR QUALIFICATIONS

I certify that I have read and received a complete set of documents regarding the attached **Request for Qualifications (RFQ) # 111-21 – SPECIAL INSPECTION SERVICES** and the instructions for submitting an RFQ. I further certify that I must submit three (3) proposal copies, plus a complete copy on flash drive, of the firm's Proposal in response to this request and that I am authorized to commit the firm to the proposal submitted.

Mohsen Rahimian

Signature

Mohsen Rahimian, PE, GE

Typed or Printed Name

Supervising Engineer

Title

Willdan Engineering

Company

1515 South Sunkist Street, Suite E
Anaheim, CA 92806

Address

1515 South Sunkist Street, Suite E
Anaheim, CA 92806

Address

(657) 221-2714

Telephone

(714) 634-3372

Fax

May 19, 2021

Date

If you are bidding as a corporation, please provide your corporate seal here:

Attachment C – Statement of Experience and Financial Conditions

ATTACHMENT C

STATEMENT OF EXPERIENCE AND FINANCIAL CONDITION

Company Name: Willdan Engineering

(Check One): X Corporation ____ Partnership ____ Sole Proprietorship

Address: 1515 South Sunkist Street, Suite E, Anaheim, CA 92806

Telephone/FAX#: (657) 221-2714 / (714) 634-3372

Date and State of Formation/Incorporation: May 1964 / California

Is the company authorized to do business in California? Yes

Basis of Authorization: X California Corporation ___California Business License
___California Engineering License ___Other (specify)

Identify the California office to be used for this contract if organization is located/headquartered outside of California:

Address: N/A

FINANCIAL INFORMATION

State the company's California and total revenues for 2017, 2018, 2019:

	2017	2018	2019
California:	$41,061,000	$40,610,000	$38,794,000
Total:	$73,743,000	$75,419,000	$72,384,000

Identify the largest project, in dollars, which your company has initiated or completed within the past five (5) years:

City of Elk Grove, annual revenue of $21,200,000

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Attachment D

ATTACHMENT D

ANSWER THE FOLLOWING QUESTIONS

1. Is the company or its owners connected with other companies as a subsidiary, parent, affiliate, or holding company? _X_ Yes ___No If yes, explain on a separate, signed sheet.

2. Does the company have an ongoing relationship or affiliation with an equipment manufacturer? ___Yes _X_No If yes, explain on a separate, signed sheet.

3. Has the company (or any owner) ever defaulted on a contract forcing a surety to suffer a loss? ___Yes _X_No If yes, explain on a separate, signed sheet.

4. In the past five (5) years, has the company had any project with disputed amounts more than $50,000 or a project which was terminated by the owner, owner's representative or other contracting party and which required completion by another party? ___Yes _X_No If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, contract value, disputed amount, date and reason for termination/dispute.

5. Has the company, an affiliate company, or any owner ever declared bankruptcy or been in receivership? ___Yes _X_No If yes, explain on a separate, signed sheet.

6. Has the company ever had an arbitration on contracts in the past five (5) years? ___ Yes _X_No If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, contract value, disputed amount, a brief description and final resolution.

7. Does the company have any outstanding liens or stop notices for labor and/or materials filed against any contracts which have been done or are being done by the company? ___ Yes _X_No If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, amount of dispute, and brief description of the situation.

THE UNDERSIGNED DECLARES UNDER PENALTY OF PERJURY THAT ALL OF THE INFORMATION SUBMITTED WITH THIS PROPOSAL IS TRUE AND CORRECT.

SIGNATURE: Mohsen Rahimian
NAME: Mohsen Rahimian, PE, GE
TITLE: Supervising Engineer

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ATTACHMENT D

1. Willdan Engineering is a subsidiary of the parent company, Willdan Group, Inc.

THE UNDERSIGNED DECLARES UNDER PENALTY OF PERJURY THAT ALL OF THE INFORMATION SUBMITTED WITH THIS PROPOSAL IS TRUE AND CORRECT.

SIGNATURE: Mohsen Rahimian

NAME: Mohsen Rahimian, PE, GE

TITLE: Supervising Engineer

Attachment E – Project Reference Form

ATTACHMENT E

PROJECT REFERENCE FORM

Provide information for the past five (5) years for contracts that your firm has completed, or has in progress, which most closely represents the services requested in this RFQ. Provide the following information:

1. Project title and location
2. Name, address, and phone number of contact person
3. Nature of firm's responsibility
4. Type of contract (performance, direct cost, etc.)
5. Contract amounts
6. Start Date
7. Current status

For one of the above projects, provide a cost breakdown of the following project components: technical analysis, design and implementation, project management, monitoring, training, educational programs, maintenance (if any), and budgeting.

A summary description of selected projects that Willdan has provided similar services as requested by the District are provided in the following pages. These projects cover the full range of geotechnical and material testing services requested by the District for construction of the District's projects.

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Project Title & Location	Name, Address & Phone No. of Contact Person	Nature of Willdan's Responsibility	Type of Contract	Contract Amount	Start Date	Current Status
Shade Structures at Various Schools; Bellflower & Lakewood, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$234,725.00	February 2021	Ongoing
Frank Woodruff Elementary School Playground Improvements, Bellflower, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$8,270.00	October 2020	Completed - November 2020
Esther Lindstorm Elementary School Food Service Renovation, Lakewood, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$43,240.00	June 2020	Completed - September 2020
Ramona Elementary School Multi-Purpose Building Renovation, Bellflower, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$64,754.00	June 2020	Ongoing
Thomas Jefferson Elementary School Marquee Sign, Bellflower, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$5,520.00	June 2020	Completed - August 2020
Mayfair High School STEAM Center, Lakewood, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$451,097.00	November 2019	Ongoing
Bellflower High School Culinary Arts Classroom Alteration, Bellflower, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$86,460.00	December 2018	Completed - October 2019
Bellflower High School Track & Field & Stadium Upgrades, Bellflower, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$138,667.00	September 2018	Completed - May 2019
Washington Elementary School Food Service Renovation, Bellflower, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$17,490.00	June 2018	Completed - May 2019
Stephen Foster Elementary School Food Service Renovation, Lakewood, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$17,065.00	June 2018	Completed - May 2019

Project Title & Location	Name, Address & Phone No. of Contact Person	Nature of Willdan's Responsibility	Type of Contract	Contract Amount	Start Date	Current Status
Mayfair High School Interim Housing Phase 2, Lakewood, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$29,325.00	May 2018	Completed - March 2019
Kettler Educational Center, Huntington Beach, CA	John Archibald, Huntington Beach City School District, 8750 Dorsett Drive, Huntington Beach, CA 92646 (714) 378-2050	Material Testing & Inspection	Time & Material (T&M)	$126,520.00	May 2018	Completed - February 2019
Dwyer Middle School Marquee Sign, Huntington Beach, CA	John Archibald, Huntington Beach City School District, 8750 Dorsett Drive, Huntington Beach, CA 92646 (714) 378-2050	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$7,394.00	October 2017	Completed - December 2017
Mayfair High School Gymnasium HVAC & Lighting Retrofit, Lakewood, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Material Testing & Inspection	Time & Material (T&M)	$10,000.00	July 2017	Completed - October 2017
Bellflower High School New Soccer Field, Bellflower, CA	Dan Buffington, Bellflower Unified School District, 16703 South Clark Avenue, Bellflower, CA 90706 (562) 244-0926	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$42,235.00	July 2017	Completed - April 2018
Orange Coast College Solar Panels, Costa Mesa, CA	Jerry Marchbank, Coast Community College District, 1370 Adams Avenue, Costa Mesa, CA 92626 (714) 438-4611	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$131,135.00	February 2021	Ongoing
Santiago Canyon College East Broadmoor Trail Repair, Orange, CA	Peter Lee, Rancho Santiago Community College District, 2323 N. Broadway, Santa Ana, CA 92706 (714) 480-7529	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$18,400.00	December 2020	Completed - March 2021
Orange Coast College Language Arts & Social Sciences Building, Costa Mesa, CA	Jerry Marchbank, Coast Community College District, 1370 Adams Avenue, Costa Mesa, CA 92626 (714) 438-4611	Material Testing & Inspection	Time & Material (T&M)	$385,189.00	November 2019	Ongoing
Orange Coast College Tennis Courts & Surface Parking, Costa Mesa, CA	Jerry Marchbank, Coast Community College District, 1370 Adams Avenue, Costa Mesa, CA 92626 (714) 438-4611	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$73,975.00	September 2019	Completed - September 2020
Orange Coast College Kinesiology Athletics, Costa Mesa, CA	Lindsey Olson, Coast Community College District, 1370 Adams Avenue, Costa Mesa, CA 92626 (714) 438- 4683	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$320,539.00	December 2018	Completed - September 2020

Project Title & Location	Name, Address & Phone No. of Contact Person	Nature of Willdan's Responsibility	Type of Contract	Contract Amount	Start Date	Current Status
Orange Coast College Student Housing, Costa Mesa, CA	Jerry Marchbank, Coast Community College District, 1370 Adams Avenue, Costa Mesa, CA 92626 (714) 438-4611	Material Testing & Inspection	Time & Material (T&M)	$244,770.00	March 2019	Completed - November 2020
Coastline College Center New Building, Fountain Valley, CA	Randy Flint, Coast Community College District, 1370 Adams Avenue, Costa Mesa, CA 92626 (714) 895-8974	Geotechnical Investigation	Lump-Sum (LS)	$28,685.00	April 2018	Completed - June 2018
Cypress College New Science/Engineering/Mathematics Building & Student Activities Center, Cypress, CA	Susan Rittel, Cypress College, 9200 Valley View Street, Cypress, CA 90630	Geotechnical Investigation	Lump-Sum (LS)	$38,560.00	April 2017	Completed - June 2017
Golden West College Student Services Center, Huntington Beach, CA	Randy Flint, Coast Community College District, 1370 Adams Avenue, Costa Mesa, CA 92626 (714) 895-8974	Geotechnical & Material Testing & Inspection	Time & Material (T&M)	$465,860.00	August 2016	Completed - June 2018

Bellflower Unified School District
Mayfair HS STEAM Center
Geotechnical & Material Inspection & Testing Services
Cost Breakdown - Prevailing Wage
Willdan Project No. 109509

Description	Unit	($) Per Unit	Qty.	Total
GEOTECHNICAL SERVICES				
Soil Technician	Hr	$ 88.00	440	$ 38,720.00
Field Vehicle Usage	Hr	$ 5.00	440	$ 2,200.00
Nuclear Gauge Usage	Day	$ 50.00	60	$ 3,000.00
Geotechnical Engineer	Hr	$ 190.00	24	$ 4,560.00
Staff Engineer	Hr	$ 145.00	12	$ 1,740.00
Maximum Dry Density	Ea	$ 175.00	4	$ 700.00
Expansion Index	Ea	$ 120.00	2	$ 240.00
Sand Equivalent	Ea	$ 70.00	1	$ 70.00
GEOTECHNICAL SERVICES TOTAL				**$ 51,230.00**
CONCRETE				
Epoxy/Anchor Inspection	Hr	$ 88.00	80	$ 7,040.00
Concrete Batch Plant Inspection	Hr	$ 88.00	224	$ 19,712.00
Concrete Compression Test, ASTM C39 (Including Pick Up & Report)	Ea	$ 32.00	344	$ 11,008.00
Non-Shrink Grout Compression Test, (2"x2" Cubes) (Including Pick Up & Report)	Ea	$ 32.00	18	$ 576.00
CONCRETE TOTAL				**$ 38,336.00**
REINFORCING STEEL				
Tensile Test, No. 8 Bar or Smaller ASTM A370	Ea	$ 45.00	44	$ 1,980.00
Bend Test, No. 8 Bar or Smaller ASTM A370	Ea	$ 45.00	44	$ 1,980.00
Tensile Test, No. 9 Bar To No. 11 Bar ASTM A370	Ea	$ 55.00	36	$ 1,980.00
Bend Test, No. 9 Bar To No. 11 Bar ASTM A370	Ea	$ 55.00	36	$ 1,980.00
REINFORCING STEEL TOTAL				**$ 7,920.00**
CONCRETE TECHNICIAN SERVICES				
Technician Field Casting Samples	Hr	$ 88.00	224	$ 19,712.00
Tag & Pick Up Rebar For Testing	Hr	$ 88.00	80	$ 7,040.00
Torque Testing	Hr	$ 88.00	96	$ 8,448.00
Pull Testing Dowels/Anchors	Hr	$ 88.00	64	$ 5,632.00
Pull Testing Ceiling Wires/Splay Wires	Hr	$ 88.00	96	$ 8,448.00
TECHNICIAN SERVICES TOTAL				**$ 49,280.00**
MASONRY				
CMU/Veneer Placement Inspection	Hr	$ 88.00	256	$ 22,528.00
Mortar Compression Test (2" X 4") (Including Pick Up & Report)	Ea	$ 32.00	21	$ 672.00
Grout Compression Test (3" X 6") (Including Pick Up & Report)	Ea	$ 32.00	24	$ 768.00
CMU Grouted Prisms (Up to 8" X 8" X 16") (Including Pick Up & Report)	Ea	$ 130.00	5	$ 650.00
CMU Compression Test	Ea	$ 65.00	9	$ 585.00
CMU Absorption Test	Ea	$ 50.00	9	$ 450.00
CMU Measurement	Ea	$ 40.00	9	$ 360.00
CMU Moisture Content Test	Ea	$ 60.00	9	$ 540.00
CMU Shear (6" core)	Ea	$ 85.00	2	$ 170.00
CMU Core Compression Only, (Up to 6" dia.)	Ea	$ 55.00	2	$ 110.00
Obtaining Drilled Cores ASTM C42 (Up to 6" dia.)	Hr	$ 100.00	8	$ 800.00
MASONRY TOTAL				**$ 27,633.00**
STRUCTURAL STEEL WELDING/BOLTING				
Field Welding/Bolting Inspection (on site)	Hr	$ 88.00	1408	$ 123,904.00
Fab Shop Welding Inspection (off-site local)	Hr	$ 88.00	1056	$ 92,928.00
Non-Destructive Testing - Ultrasonic, Mag Particle, Dye Pen	Hr	$ 95.00	284	$ 26,980.00
Bolt, Nut & Washer Test	Ea	$ 85.00	24	$ 2,040.00
STRUCTURAL STEEL & WELDING TOTAL				**$ 245,852.00**
FIREPROOFING				
Fireproofing Inspection	Hr	$ 88.00	112	$ 9,856.00
Density Test (Including Pick Up & Report)	Ea	$ 70.00	24	$ 1,680.00
FIREPROOFING TOTAL				**$ 11,536.00**
DSA FORMS				
DSA 291 Form	Ea	$ 450.00	2	$ 900.00
DSA 293 Form	Ea	$ 450.00	2	$ 900.00
ADDITIONAL SERVICES TOTAL				**$ 1,800.00**
ADMINISTRATIVE SERVICES				
Supervision & Dispatch	Hr	$ 110.00	68	$ 7,480.00
Lab Technician	Hr	$ 70.00	24	$ 1,680.00
Mix Design Review	Ea	$ 250.00	3	$ 750.00
Project Engineer, Management, Meetings, QA/QC	Hr	$ 190.00	40	$ 7,600.00
ADMINISTRATIVE SERVICES TOTAL				**$ 17,510.00**
TOTAL COST FOR GEOTECHNICAL & MATERIAL INSPECTION & TESTING SERVICES				**$ 451,097.00**

Attachment F – Statement of Non-Conflict of Interest

ATTACHMENT F

NEWPORT MESA UNIFIED SCHOOL DISTRICT

REQUEST FOR PROPOSALS AND STATEMENT OF QUALIFICATIONS FOR SPECIAL INSPECTION SERVICES

STATEMENT OF NON-CONFLICT OF INTEREST

The undersigned, on behalf of the consulting firm set forth below (the "Consultant"), does hereby certify and warrant that, if selected, the Consultant while performing the consulting services required by the Request for Qualification, shall do so as an independent contractor and not as an officer, agent or employee of the Newport Mesa Unified School District ("the District"). The undersigned further certifies and warrants that: (1) no officer or agent of the Consultant has been an employee, officer or agent of the District within the past two (2) years; (2) the Consultant has not been a source of income to pay any employee or officer of the District within the past twelve (12) months; (3) no officer, employee or agent of the District has exercised any executive, supervisory or other similar functions in connection with the Consultant Agreement or shall become directly or indirectly interested financially in the Consultant Agreement; and (4) the Consultant shall receive no compensation and shall repay the District for any compensation received by the Consultant under the Consultant Agreement should the Consultant aid, abet or knowingly participate in violation of this statement.

Signature	Mohsen Rahimian
Printed Name	Mohsen Rahimian, PE, GE
Title	Supervising Engineer
Date	May 19, 2021

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Attachment G – Firm Proposal / Offer Form

ATTACHMENT G

FIRM PROPOSAL / OFFER FORM

This Proposal/Offer Form must be duly executed and submitted with any proposal/offer to NMUSD.

The Offeror hereby agrees that its proposal/offer is subject to all RFQ # 111-21 provisions, terms and conditions, attachments, exhibits, amendments and other applicable materials which are attached or incorporated by reference. Offeror hereby agrees to promptly enter into an agreement in substantial accordance with such RFQ provisions, terms and conditions, and secure a performance bond within five (5) days of the Districts intent to award the contract.

The Offeror hereby agrees that its attached proposal/offer of which this is part, is a firm and irrevocable offer and valid for acceptance by NMUSD for the period sixty (60) days after closing. The Offeror hereby agrees that if its proposal/offer is accepted by NMUSD that it shall provide all of the services in accordance with the RFQ, as it may be amended.

Name of Person Duly Authorized to Execute this Proposal/Offer: Mohsen Rahimian, PE, GE

Duly Authorized Signature: Mohsen Rahimian

Title: Supervising Engineer

Date of this Proposal/Offer: May 19, 2021

Offeror Name: Willdan Engineering

Offeror Address: 1515 South Sunkist Street, Suite E, Anaheim, CA 92806

Offeror Telephone: (657) 221-2714

Offeror Email: mrahimian@willdan.com

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Attachment H – Noncollusion Declaration

ATTACHMENT H

NEWPORT MESA UNIFIED
SCHOOL DISTRICT
2985 Bear St., Bldg. A
Costa Mesa, California 92626
(714) 424-5063

DSA Inspection Services
RFQ: # 124-21

NONCOLLUSION DECLARATION
Public Contract Code § 7106

TO BE EXECUTED BY SUBMITTER AND SUBMITTED WITH RFQ

The undersigned declares:

I am the Supervising Engineer **[PRINT YOUR TITLE]**

of Willdan Engineering **[PRINT FIRM NAME],**

The party making the foregoing Contract.

The RFQ is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The RFQ is genuine and not collusive or sham. The submitter has not directly or indirectly induced or solicited any other submitter to put in a false or sham RFQ. The submitter has not directly or indirectly colluded, conspired, connived, or agreed with any submitter or anyone else to put in a sham RFQ, or to refrain from submitting. The submitter has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the RFQ price of the submitter or any other submitter, or to fix any overhead, profit, or cost element of the RFQ price, or of that of any other submitter. All statements contained in the RFQ are true. The submitter has not, directly or indirectly, submitted his or her RFQ price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, RFQ depository, or to any member or agent thereof, to effectuate a collusive or sham RFQ, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a submitter that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the submitter.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on the following date:

Date: May 19, 2021

Proper Name of Submitter: Willdan Engineering

City, State: Anaheim, CA

Signature: Mohsen Rahimian

Print Name: Mohsen Rahimian, PE, GE

Title: Supervising Engineer

Appendix A

Resumes of Key Personnel

Mohsen Rahimian, PE, GE

Supervisory Engineer (Role: Project Manager)

Education
MS, Civil Engineering, Tehran University, Tehran, Iran

Registration
Civil Engineer, California, No. C73396

Affiliation
American Society of Civil Engineers, Geotechnical Group

30 Years' Experience

Mr. Mohsen Rahimian has more than 25 years of experience with geotechnical engineering, investigation, design and construction. He has worked on a wide spectrum of public and private projects. Mr. Rahimian has substantial experience in performing diversified geotechnical assignments including shallow and deep foundation design, settlement evaluations, liquefaction studies, slope stability analyses, pavement design, and laboratory testing and inspection services during construction.

Project Experience

Proposed Improvements at Soccer Field, Santa Ana College, Santa Ana, CA. Performed as Project Engineer for conducting geotechnical investigation, field and laboratory testing, and performing geotechnical analyses and calculation to provide geotechnical recommendations for design and construction of new improvements at soccer field area, including one and two-story buildings, new bleachers, new flag pole foundations, and relevant flatworks and paved areas. Provided recommendations for grading, building pad backfill, foundation design, pavement design, flatworks subgrade, temporary excavations, and trench backfilling.

Proposed New Classroom Buildings at Palos Verdes High School, Palos Verdes Estates, CA. As the project engineer conducted field geotechnical investigation, field and laboratory testing, and performed geotechnical analyses and calculation to provide geotechnical recommendations for design and construction of four one-story modular classroom buildings.

Proposed New Cafeteria at Redondo Union High School, Redondo Beach, CA. Conducted geotechnical investigation, field and laboratory testing, and performed geotechnical analyses and calculation to provide geotechnical recommendations for design and construction of a new one-story structure with 11,400 square feet footprint at grade, and relevant flatworks and pavement improvements.

Campus Renovation and New Developments at Jordan High School, Long Beach, CA. Provided geotechnical engineering supports for the project design team. Performed static and seismic settlement analyses, mat and pile foundations design recommendations, and retaining wall geotechnical recommendations.

LAUSD, Redondo Beach USD, Palos Verdes USD, and LACCD, CA. Provided geotechnical and construction material inspection services for various schools within the districts. Worked with the project team to prepare the close-out documents, including DSA-291 and DSA-293.

Firmona Avenue Storm Drain, Lawndale, CA. As the Project Engineer provided geotechnical inspection and testing services for construction of the storm drain within the Firmona Avenue.

El Toro Road Improvements – Phase 2, Laguna Woods, CA. As the Project Manager/Engineer performed investigation and review services for providing Independent Assurance (IA) Testing for the project.

Civic Center Exterior Site Improvements, Moreno Valley, CA. As the Project Manager/Engineer provide geotechnical and material inspection and testing services for construction of the project.

Ross Khiabani, PE, GE

Senior Geotechnical Engineer (Role: Lead Geotechnical Engineer)

Education

MS, Geotechnical Engineering, California State University, Long Beach

Geology, Pahlavi University, Iran

Registration

Professional Civil Engineer, California, No. 37156

Professional Geotechnical Engineer, California, No. 2202

Affiliations

American Society of Civil Engineers, Geotechnical Group

40 Years' Experience

Mr. Ross Khiabani, our Senior Geotechnical Engineer, has more than 30 years of professional experience in performing diversified geotechnical assignments involving soil mechanics and foundation engineering, soil stabilization, landslide analysis and stabilization, settlement evaluations, liquefaction studies, slope stability analyses, laboratory testing, and inspection services during construction operations. His vast experience includes providing engineering services for commercial, industrial, institutional, ports and harbors, public works, transportation (including major bridges, local roads, freeways and toll roads) and water and wastewater facilities projects. This broad base of experience has given him a unique insight into local geotechnical and seismic conditions, and construction processes. Mr. Khiabani has kept in close communication with local, city, county, and state reviewers and is familiar with governing codes and requirements.

Relevant Project Experience

Orange Coast Community College, Newport Learning Center, Newport Beach, CA. Providing geotechnical engineering, materials testing and inspection services for construction of the Newport Learning Center, a 3 story type II-B building with 112,795 ASF, associated site development including a large bio-filtering facility, and parking/driveway areas. Services consist of geotechnical observation and testing during remedial grading, over-excavation, mass grading, foundation excavations and utility trench backfill. Testing and Inspection services also include Special Inspection for poured-in-place caissons and 138 soil anchors/tiebacks necessitated by the load demand imposed by a special design element – outward leaning external walls.

Cities of Placentia, La Mirada, Calabasas, Highland, Inglewood, Maywood, Pomona, Rosemead, Santa Monica, Torrance, and West Covina. Oversight and Report Review for geotechnical investigations and construction phase material testing services being provided by other vendors for public infrastructure and private commercial/residential developments.

City of Irvine & Metro link – Jeffrey Road Grade Separation, Irvine, CA. Coordinated all geotechnical testing and investigation services for new railroad under-crossing. Provided design input and review for design of foundations to mitigate the potential impact of liquefaction on the proposed structures.

CIP On-Call Projects, City of Arcadia. Comprehensive Geotechnical Review services for residential and commercial developments throughout Arcadia.

Los Angeles County Metropolitan Transportation Authority – Orange Line Extension, Los Angeles, CA. Provide QA/QC for geotechnical engineering investigation and design services as part of the design-build team for design and construction of four miles of dedicated busway, three stations, park and ride facilities, and associated structures including two bridges, and 3,000 feet of back-to-back MSE walls forming the approach embankments to a bridge.

Los Angeles Unified School District, Los Angeles, CA. Principal Project Reviewer for geotechnical design studies for 30+ new school sites and classroom additions at high schools, middle and elementary schools.

Ross Khiabani, PE, GE (Cont'd)

On-Call Geotechnical Design Services, Port of Los Angeles, San Pedro, CA. Project Manager for Willdan's 4-year contract to provide geotechnical design services in support of

POLA's On-Call Engineering/Architectural Consulting Services Program, San Pedro, CA. Tasks included retaining structures for berths, canopy structures, various port buildings, pavement rehabilitation, earthwork for backlands, boat maintenance cradles, storm drain improvements, and review of geotechnical reports submitted to POLA by others. Worked closely with POLA staff on all tasks to develop the most cost-effective and efficient solutions.

City of Los Angeles – Vermont Avenue Bridge Widening over US 101, Los Angeles, CA. Provide internal QA/QC for geotechnical engineering services being provided for widening of the Vermont Avenue Bridge where it crosses US 101, northwest of downtown Los Angeles. Coordinate geotechnical efforts with the civil and structural engineers.

City of Laguna Hills – Aliso Creek Sound Walls, Laguna Hills, CA. Provided geotechnical engineering investigation and design services for a series of sound walls to shield the backyards of residential properties situated on top of a slope adjacent to the I-5 freeway. In addition to design services, also assessed constructability issues.

King Kong Attraction, NBC Studios, Studio City, CA. Project Manager and geotechnical engineer-of-record for new attraction at NBC Studios. Project requires extensive excavation and shoring structures and retaining wall systems for elaborate above ground structure housing this attraction.

New City Hall, Laguna Niguel, CA. QA/QC lead for material testing and special inspection services being provided by Willdan. Work includes testing and inspection for concrete, steel, welding, and masonry for the New City Hall.

Charnock Well Field Restoration Project, Arcadia and Charnock Sites, City of Santa Monica, CA. Project manager for geotechnical and material testing and inspection for a design-build project consisting of multiple filtration systems and the associated pumping and chemical feed systems, including a structure to house the reverse osmosis system.

Fire Station No. 48, Seal Beach, CA. Provided all geotechnical investigation, design, and construction testing and inspection services for design and construction of the facility.

Sanitary Sewer Line Relocation, Riverside, CA. Provided geotechnical engineering services to study alternate alignments for major sanitary sewer pipeline that needed to be relocated for construction of the county courthouse.

Garvey Bridge Widening, Rosemead, CA. Provided geotechnical engineering, materials testing and inspection services for construction of the Garvey Bridge widening. The services included pile driving and abutment construction, utility trench backfills, and concrete sampling and testing.

Moulton/La Paz Interchange, Orange County, CA. Project Reviewer for all geotechnical aspects of the project. Monitored, coordinated and reviewed different stages of field investigation, laboratory testing, analysis, and final report preparation. The emphasis of review was to provide quality control and technical input and ensure compliance to project specifications and Caltrans requirements.

Joseph M. Ritchey

Operations Manager (Role: Materials Testing and Deputy Inspection Services Manager)

Education

Coursework in inspection of structural masonry, reinforced concrete, post tension concrete, and pre-stressed concrete, Robert Schiltz School of Inspection

Epoxy injection inspection: In depth hands-on training, Sika Seminar, Glendale School District

Licenses & Certifications

ICBO - Certified Special Inspector, Structural Masonry
IBC – Certified Special Inspector, Structural Masonry
DSA- Structural Masonry
DSA- Assistant Inspector-of-Record

Affiliations

ACIA - Board Member, The South Coast Chapter
ACIA - Treasure, The South Coast Chapter
CSI – Construction Specifications Institute

25 Years' Experience

Mr. Joseph Ritchey has a 35-year construction background, during that time he has worked in a multitude of trades and as a field superintendent. The past 17 years he has been in the inspection industry. Mr. Ritchey earned his DSA certification in structural masonry & veneer in 1996. He has worked with numerous school districts including Los Angeles, Glendale, Baldwin Park, Palmdale, San Gabriel, Tustin, and the West LA Community College District. Mr. Ritchey also worked as an Assistant Inspector-of–Record servicing: Fountain Valley USD, West LA Community College, and Tustin School District. Mr. Ritchey is a board member of the South Coast Chapter of the American Concrete Institute (ACI). Mr. Ritchey manages and supervises the material testing, construction inspection, and deployment of inspectors and technicians.

Project Experience

Orange Coast Community College, Newport Learning Center, Newport Beach, CA. Operations Manager responsible for all materials testing and inspection services being provided by Willdan Geotechnical for construction of the Newport Learning Center, a 3-story type II-B building with 112,795 ASF.

New City Hall, Laguna Niguel, CA. Operations Manager responsible for providing material testing and special inspection services, including testing and inspection for concrete, steel, welding, and masonry for the new City Hall.

Charnock Well Field Restoration Project, Arcadia and Charnock Sites, City of Santa Monica, CA. Material testing and inspection manager for a design-build project consisting of multiple filtration systems and the associated pumping and chemical feed systems, including a structure to house the reverse osmosis system.

City of Newport Beach, CA. Project Manager responsible for all day-to–day operations, scheduling of geotechnical services, inspectors, dye pen inspection, interior inspections, documentation and quality of on-site personnel for Irvine Ave. Water Main Replacement Phase 1 & 2, Irvine Ave. and Dover Water Main Replacement and Industrial Way Water Main Replacement.

Fine Arts Building, West Los Angeles College: Culver City, CA. DSA Masonry & Reinforced Concrete Inspection on a new 10M 4-story steel-framed building, Fine Arts Theater, and photography lab. Also filled in as Assistant Inspector of Record, inspecting all trades.

Downey Community Senior Center: Downey, CA. Worked closely with the City of Downey as a Masonry & Reinforce Concrete Inspector during new construction of Community Senior Center; including a gymnasium, classrooms, and offices.

Fountain Valley Unified School District; Fountain Valley, CA. Assistant Inspector-of-Record for two school sites, Talbert and Fulton Middle Schools. Worked closely with the district, architect, and engineer on all aspects of construction with a strong focus on masonry. Project encompassed eight brick-veneered customized modular buildings.

Wendy Drummond PG, CEG

Project Geologist (Role: Field Testing & Engineering Geology)

Education

BSc, Geology University of Waikato, Hamilton, New Zealand

Registration

Certified Engineering Geologist, California CEG 2049

Professional Geologist, PG 6610

Affiliations

AEG – Association of Engineering Geologists (Officer, 1997 to 2000)

AWG – Association for Women Geoscientists (Officer, 1997)

GSA – Geologic Society of America

SCGS – South Coast Geologic Society

12 Years' Experience

Ms. Wendy Drummond has over 12 years of experience in the field of engineering geology in the western United States. Her work includes the investigation of geologic and seismic hazards, slope stability evaluations, and forensic geology (distressed structures and slope failures). Ms. Drummond has performed numerous detailed investigations of landslides, active and potentially active faults, as well as distress investigations and seismicity studies. Typical projects include the preparation of geologic maps, site characterization, landslide identification, evaluation of recency, frequency and amount of fault rupture, earthquake hazard assessment, slope stability evaluation, and recommendations for mitigation measures. Ms. Drummond has conducted projects involving numerous methods of surface and subsurface investigation including bucket auger, hollow stem auger, air rotary, mud rotary, trenching, sampling, surface geophysics, well installation and percolation, pump, and draw-down testing.

Project Experience

Transportation Corridor South, Orange and San Diego Counties, CA. Geologist and field coordinator for 25-kilometer segment of the proposed project. The proposed alignment of the toll road traversed rugged terrain with significant slope stability hazards. The investigation included detailed geologic mapping, air photograph interpretation, drilling of over 70 hollow stem auger borings and down-hole logging of more than 80 bucket auger borings to depths up to approximately 145 feet and seismic refraction surveys for rippability evaluation.

State Route 74, Riverside County, CA. Geologist for a roadway repair project where the investigation involved geologic mapping of slopes containing damaged welded wire walls, detailed mapping and joint analysis of rock slopes and drilling of continuous-core borings. The project involved design of remedial measures to restore the roadway and decrease the potential for future failures. Remedial measures included design of a mesh drape and flexible barrier system for rock slopes and Reno mattress construction on embankments.

Three Arch Bay Storm Drain Project, Laguna Beach, CA. Geologic investigation for proposed storm drain tunnel excavation within the coastal bluffs. The project involved geologic mapping and fault orientation study of the bluffs, evaluation of erosion potential resulting from the storm drain outfall and subsurface investigation including bucket auger borings, geoprobes and CPT's.

Caribbean Drive Landslide, Dana Point, CA. Geologic investigation of active landslide. The project included geologic mapping, drilling and downhole logging of the landslide mass, evaluation of causative factors and determination of appropriate remediation measures.

Commercial Development, Las Vegas, NV. Geologic hazard and lineament study for a proposed 250-acre commercial development. The project included interpretation of aerial photographs, literature review and detailed logging of trenches excavated across the lineaments.

Ramon M. Calbay

Laboratory Manager (Role: Geotechnical Laboratory Testing)

Education

B.S., Civil Engineering, Mapua Institute of Technology, Manila, Philippines

Geotechnical Lab Testing, Short Course, University of Missouri, Rolla,

Registrations/ Certifications

Certified in Soils Laboratory Testing, Caltrans

ICC-Soil Special Inspector

Construction Management, Inspection & Testing, for Transportation Projects, Caltrans Sponsored Certification Program

Nuclear Gauge Operator, CPN International, Inc.

Certified Soil Technician, California Geotechnical Engineers Association

39 Years' Experience

Mr. Ramon Calbay has more than 37 years of experience with soils and materials selection, design, testing and quality control. Mr. Calbay has led the soils and materials testing programs for multiple highway and bridge construction projects. In addition, he has extensive experience of providing field observation and testing for pile installation, soil stabilization, settlement monitoring and mass grading operations. Mr. Calbay has also been involved in the design and control of asphalt and concrete mixes, production of road bases and filter mixes, and inspection of structural concrete, steel and weldments. Mr. Calbay has more than 25 years' experience in managing a full-service geotechnical testing laboratory.

Work History

2012 – date	Willdan Geotechnical, Anaheim, CA	Geotechnical Laboratory Manager/ Supervisory Technician
1987 – 2012	Kling Consulting Group, Inc. (formerly Zeiser Kling Consultants), Irvine, CA	Laboratory Supervisor
1984 – 1987	Schaefer Dixon & Associates, Santa Ana, CA	Laboratory and Field Technician
1982 – 1984	Geowest Consultants, Costa Mesa, CA	Laboratory and Field Technician / Inspector
1982 – 1982	Rockwin Corporation, Santa Fe Springs, CA	In-plant Quality Control Inspector
1981 – 1982	Tech Enterprises, Inc., Anaheim, CA	Construction Inspector
1978 – 1981	CDCP International, Hong Kong	Materials Engineer
1974 – 1978	Construction & Development Corp. of the Philippines, Manila	Staff Engineer

Project Experience

- Santa Monica Civic Auditorium, Santa Monica, CA
- Two (2) New Low Water Crossings on County Road 35, Glenn County, CA
- Four (4) Replacement Bridges on County Road 67, Glenn County, CA
- ICDC, Planning Area 40, Irvine CA.
- ICDC, Planning Area 40, Irvine CA.
- El Sobrante Landfill, Riverside County, CA.
- Pottery Court Apartments, Lake Elsinore, CA.

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